

93	1.8	852	9 US-09-989-930-662	Sequence 162, App
94	4.7	880	9 US-10-040-739-867	Sequence 867, App
95	1.8	3152	9 US-09-764-872-518	Sequence 518, App
96	4.7	3152	9 US-10-07-319-128	Sequence 328, App
97	1.8	97	US-09-764-155-338	Sequence 326, App
98	4.7	1.8	9 US-09-764-912-517	Sequence 517, App
99	1.8	3204	9 US-10-077-319-527	Sequence 327, App
100	4.7	1.8	9 US-09-764-055-327	Sequence 327, App

ALIGNMENTS

```

RESULT 1
US-09-867-550-1915
: Sequence 1915. Application US/09867550
: Patent No. US20020082206A1
: GENERAL INFORMATION:
: APPLICANT: Leach, Martin D.
: APPLICANT: Mehrabian, Fuad.
: APPLICANT: Conley, Pamela
: APPLICANT: Law, Debbie
: APPLICANT: Topper, James
: TITLE OF INVENTION: NO. US20020082206A1el Polynucleotides from Atherogenic Cells and
: TITLE OF INVENTION: Thereby
: FILE REFERENCE: 21402-013 (Cura-313)
: CURRENT APPLICATION NUMBER: US/09/867,550
: CURRENT FILING DATE: 2001-09-20
: PRIOR APPLICATION NUMBER: USSN 60/208,427
: PRIOR FILING DATE: 2000-05-30
: NUMBER OF SEQ ID NOS: 2125
: SOFTWARE: FastSeq for Windows Version 4.0
: SEQ ID NO 1915
: LENGTH: 875
: TYPE: DNA
: ORGANISM: Homo sapiens
: FEATURE:
: NAME/KEY: misc_feature
: LOCATION: (1)_feature
: OTHER INFORMATION: wherein n is one of a or t or c or g
: US-09-867-550-1915

```

Oy	1280	AGCGTGTGCACTCAGGAGAGGGAGGGTGGGACACAGAGGTGCATCTTAGGGTCCCACTGTGA	1339
Db	422	AGCGTGTGCACTCAGGAGAGGGAGGGTGGGACACAGAGGTGCATCTTAGGGTCCCACTGTGA	481
Oy	1340	CCCTTGCTCTTTCTCTCTTGAACCTTAGAAGTCACTTCTTCCAGTGCATGATC	1399
Db	482	CCCTTGCTCTTTCTCTCTTGAACCTTAGAAGTCACTTCTTCCAGTGCATGATC	541
Oy	1400	CCACTGTGCACCTTAGTGTGCGAGTGTGAGAGAGGGTGGACAGGGCCAGGGTTCACAAAA	1459
Db	542	CCACTGTGCACCTTAGTGTGCGAGTGTGAGAGAGGGTGGACAGGGCCAGGGTTCACAAAA	601
Oy	1460	GAGATTAAGCTCTCTGGGGGGTCTGACCTAGTTAGTTCTTGAATTTGGGGTTTCCAGTAC	1519
Db	602	GAGATTAAGCTCTCTGGGGGGTCTGACCTAGTTAGTTCTTGAATTTGGGGTTTCCAGTAC	661
Oy	1520	CATCTGTGATGCTGCTGTGTGTGAGCCCATTTTACATCCCACTTAAACAAGCCCCAC	1579
Db	662	CATCTGTGATGCTGCTGTGTGTGAGCCCATTTTACATCCCACTTAAACAAGCCCCAC	721
Oy	1580	CCACAAGGTGAAGAACACCCCTTAGAGTCAACGAGAAAGTCAATTTTCAGAAATCTTCAAG	1639
Db	722	CCACAAGGTGAAGAACACCCCTTAGAGTCAACGAGAAAGTCAATTTTCAGAAATCTTCAAG	781
Oy	1640	TCTGCTTGAACACCAACCATTAACCTCAGAGGTGAGACTGTGGCTTAGAAGGAAAGGAA	1699
Db	782	TCTGCTTGAACACCAACCATTAACCTCAGAGGTGAGACTGTGGCTTAGAAGGAAAGGAA	841
Oy	1700	AGCTGAGTGAATGTCCTTACCGTACAGC	1727
Db	842	AGCTGAGTGAATGTCCTTACCGTACAGC	869

```

RESULT 2
US-10-043-649-1
? Sequence 1, Application US/10043649
? Publication No. US20030059924A1
? GENERAL INFORMATION:
? APPLICANT: Holland, Sacha J.
? APPLICANT: Mendenhall, Marcy K.
? APPLICANT: Pardo, Jorge
? APPLICANT: Spencer, Collin
? APPLICANT: Fu, C. Alan
? APPLICANT: Luo, Ying
? APPLICANT: Payan, Donald G.
? APPLICANT: Mancebo, Helena S.Y.
? APPLICANT: Wu, Jun
? APPLICANT: Zhou, Xiulan
? APPLICANT: Shen, Mary
? APPLICANT: Liao, X. Charlene
? APPLICANT: Sheng, Ning
? TITLE OF INVENTION: Cloning of a No. US20030059924A1 Inhibitor of Antigen-receptor
? TITLE OF INVENTION: Retroviral-based Functional Screen
? FILE REFERENCE: A-70219-1/RMS/DHR
? CURRENT APPLICATION NUMBER: US/10/043,649
? CURRENT FILING DATE: 2002-01-10
? PRIOR APPLICATION NUMBER: US 60/260,953
? PRIOR FILING DATE: 2001-01-10
? NUMBER OF SEQ ID NOS: 3
? SOFTWARE: PatentIn version 3.1
? SEQ ID NO 1
? LENGTH: 786
? TYPE: DNA
? ORGANISM: Homo sapiens
? FEATURE:
? NAME/KEY: CDS
? LOCATION: (1)..(786)
? OTHER INFORMATION:
US-10-043-649-1

Query Match      30.6%; Score 786; DB 9; Length 786;
Best Local Similarity 100.0%; Pred. No. 0;

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; APPLICANT: Leach, Martin D.
; APPLICANT: Mehtaban, Rued,
; APPLICANT: Conley, Pamela
; APPLICANT: Law, Debbie
; APPLICANT: Topper, James
; TITLE OF INVENTION: No. US0020082206A1 Polynucleotides from Atherogenic Cells and
; TITLE OF INVENTION: Thereby
; FILE REFERENCE: 21402-013 (Cura-313)
; CURRENT APPLICATION NUMBER: US/09/867,550
; PRIOR FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: USN 60/208,427
; PRIOR FILING DATE: 2000-05-30
; NUMBER OF SEQ ID NOS: 2125
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO: 951
; LENGTH: 444
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-867-550-951

Query Match          13.6%; Score 348; DB 10; Length 444;
Best Local Similarity 100.0%; Pred. No. 1,7e-166;
Matches 348; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 259 CTTAGAGCCAGAGACTGCGACACTTCCAGAAAGGCCCCCAAGCCCTTAACCTGTCCAG 318
DB 1 CTTAGAGCCAGAGACTGCGACACTTCCAGAAAGGCCCCCAAGCCCTTAACCTGTCCAG 60

QY 319 CCAGAGCATGCTCTCAGCAGAGCTGTCTCCCAAGCTTTGATGACAAACCAATTTCCC 378
DB 61 CCAGAGCATGCTCTCAGCAGAGCTGTCTCCCAAGCTTTGATGACAAACCAATTTCCC 120

QY 379 TCGATGATGCTCTTGTGAGTCTCTCTGAGAACAAATGGAGTGTGCCAGAGAAAG 438
DB 121 TCGATGATGCTCTTGTGAGTCTCTCTGAGAACAAATGGAGTGTGCCAGAGAAAG 180

QY 439 AAATCTCTCCCAAGCCCAAGCTTGAAGTCTCTGTCCAAAGCCAGGAGCCTGTGACATG 498
DB 181 AAATCTCTCCCAAGCCCAAGCTTGAAGTCTCTGTCCAAAGCCAGGAGCCTGTGACATG 240

QY 499 GAAGCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 558
DB 241 GAAGCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 300

QY 559 GCCGAGCTGCTGCTGAGACTGCGGAGAGCCATTGACCATGCTCTGTAG 606
DB 301 GCCGAGCTGCTGCTGAGACTGCGGAGAGCCATTGACCATGCTCTGTAG 348

RESULT 5
US-09-864-761-2829
; Sequence 2829, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Aecomica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
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; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO: 2829
; LENGTH: 432
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AL031662.24
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 2.1
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 2.1
; OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 2.4
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.9
; OTHER INFORMATION: EXPRESSED IN HEL100, SIGNAL = 2.1
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.9
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 2
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 2.3
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2.3
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2.3
; US-09-864-761-2829

Query Match          5.2%; Score 134; DB 10; Length 432;
Best Local Similarity 100.0%; Pred. No. 7.4e-58;
Matches 134; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 946 GAGCTGGGAGTGCATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1005
DB 270 GAGCTGGGAGTGCATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 329

QY 1006 CCGCTCCTGCGAGATATACCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1065
DB 330 CCGCTCCTGCGAGATATACCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 389

QY 1066 AAAGAGCTGAGCAG 1079
DB 390 AAAGAGCTGAGCAG 403

RESULT 6
US-09-864-761-15513
; Sequence 15513, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
```

Query Match 5.2%; Score 134; DB 10; Length 448;
Best Local Similarity 100.0%; Pred. No. 7,4e-58;
Matches 134; Conservative 0; Mismatches 0; Indels 0; Gaps 0

Qy 946 GAGCTGGCGGATGACATCTGTGCTTCAAGAGCCCTGTGTCTTGACGAGGGCTGGC 1005
Db 286 GAGCTGGCGGATGACATCTGTGCTTCAAGAGGCCCTGTGTCTTGACGAGGGCTGGC 345

Qy 1006 CCGCTCCCTGGCAAGATATACCTCCTACTGTGACTGTGACAGAGCACCACTCAACTGG 1065
Db 346 CCGCTCCCTGGCAAGATATATCCCTTACTGTGACTGTGAGAGGACACCACTCAACTGG 405

Qy 1066 AAGAGCTGGACAG 1079
Db 406 AAGAGCTGGACAG 419

RESULT 7
US-09-864-761-19612
; Sequence 19612; Application US/09864761
; Patent No. US20020046763A1

Query Match 3.7%; Score 96; DB 10; Length 96;
 Best Local Similarity 100.0%; Pred. No. 1 6e-38;
 Matches 96; Conservative 0; Mismatches 0; Gaps 0;
 Oy 984 CTGTCTCTCGAAGAGGCTGGCCGCTCCTGCGAAGATATACCCCTACTGTGTACTGT 1043

Db 1 CTTGTCTTCAGAGAGGCTGCGCCCTCCCTGCGAAGATATACCCCTGAGCTGT 60
Oy 1044 GCAGAGACACCACTCACTGAGAAAGCTGGACAG 1079
Db 61 GCAGAGACACCACTCACTGAGAAAGCTGGACAG 96

RESULT 8

US-09-764-877-2184
; Sequence 2184, Application US/09764877
; Patent No. US20020147140A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC005
; CURRENT APPLICATION NUMBER: US/09/764,877
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION DATA REMOVED - refer to PALM or file wrapper
; NUMBER OF SEQ ID NOS: 4031
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2184
; LENGTH: 12541
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-877-2184

Query Match 2.5%; Score 65; DB 10; Length 12541;
Best Local Similarity 100.0%; Pred. No. 6.5e-23;
Matches 65; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 2052 GAACCTGACCTGAGTATCCACCCACCTTGCGCTCCCAAGTCTGGATTACAGCT 2111
Db 4886 GAACCTGACCTGAGTATCCACCCACCTTGCGCTCCCAAGTCTGGATTACAGCT 4945

Oy 2112 GTGAG 2116
Db 4946 GTGAG 4950

RESULT 9

US-09-764-868-1330
; Sequence 1330, Application US/09764868
; Patent No. US2002016871A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PT232
; CURRENT APPLICATION NUMBER: US/09/764,868
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION DATA REMOVED - refer to PALM or file wrapper
; NUMBER OF SEQ ID NOS: 1510
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1330
; LENGTH: 13467
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-868-1330

Query Match 2.5%; Score 65; DB 9; Length 13467;
Best Local Similarity 100.0%; Pred. No. 6.4e-23;
Matches 65; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 2056 TCCGACCTGAGTATCCACCCACCTTGCGCTCCCAAGTCTGGATTACAGTGTGA 2115
Db 2566 TCCGACCTGAGTATCCACCCACCTTGCGCTCCCAAGTCTGGATTACAGTGTGA 2625

Oy 2116 GCCAC 2120
Db 2626 GCCAC 2630

RESULT 10

US-09-764-868-1498
; Sequence 1498, Application US/09764868
; Patent No. US2002016871A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PT232
; CURRENT APPLICATION NUMBER: US/09/764,868
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION DATA REMOVED - refer to PALM or file wrapper
; NUMBER OF SEQ ID NOS: 1510
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1498
; LENGTH: 13467
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-868-1498

Query Match 2.5%; Score 65; DB 9; Length 13467;
Best Local Similarity 100.0%; Pred. No. 6.4e-23;
Matches 65; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 2056 TCCGACCTGAGTATCCACCCACCTTGCGCTCCCAAGTCTGGATTACAGTGTGA 2115
Db 2566 TCCGACCTGAGTATCCACCCACCTTGCGCTCCCAAGTCTGGATTACAGTGTGA 2625

Oy 2116 GCCAC 2120
Db 2626 GCCAC 2630

RESULT 11

US-09-908-711-159
; Sequence 159, Application US/09908711
; Patent No. US20020045230A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PA128
; CURRENT APPLICATION NUMBER: US/09/908,711
; PRIOR FILING DATE: 2001-07-26
; PRIOR APPLICATION NUMBER: US01/01360
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,867
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01344
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,892
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01345
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,888
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,888
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01329
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,905
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01354
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,891
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01339
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,869
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01340
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,874
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01334
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,898
; PRIOR FILING DATE: 2001-01-17

;; PRIOR APPLICATION NUMBER: US01/01320
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: 09/764,853
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: US01/01349
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: 09/764,902
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: US01/01239
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: 09/764,870
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: US01/01348
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: 09/764,882
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: US01/01347
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: 09/764,896
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: US01/01307
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: 09/764,864
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: US01/01341
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: 09/764,856
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: US01/01336
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: 09/764,868
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: US01/01332
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: 60/179,065
;; PRIOR FILING DATE: 2000-01-31
;; PRIOR APPLICATION NUMBER: 60/180,628
;; PRIOR FILING DATE: 2000-02-04
;; PRIOR APPLICATION NUMBER: 60/209,467
;; PRIOR FILING DATE: 2000-06-07
;; NUMBER OF SEQ ID NOS: 167
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO 159
;; LENGTH: 405
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-908-711-159

Query Match 2.4%; Score 61; DB 10; Length 405;
Best Local Similarity 100.0%; Pred. No. 8.6e-21;
Matches 61; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2050 TCGAATCTCTGACCTGAGTGATTCACACCACCTTGCGCTCCAAAGTCTGGGATTACAG 2109
Db 77 TCGAATCTCTGACCTGAGTGATTCACACCACCTTGCGCTCCAAAGTCTGGGATTACAG 136

Qy 2110 G 2110
Db 137 G 137

RESULT 12
US-09-908-711-57
; Sequence 57, Application US/09908711
; Patent No. US7009045230A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PA128
; CURRENT APPLICATION NUMBER: US/09/908,711
; CURRENT FILING DATE: 2001-07-20
; PRIOR APPLICATION NUMBER: US01/01360
; PRIOR FILING DATE: 2001-01-17

;; PRIOR APPLICATION NUMBER: 09/764,867
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: US01/01344
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: 09/764,892
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: US01/01345
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: 09/764,888
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: US01/01329
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: 09/764,905
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: US01/01354
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: 09/764,891
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: US01/01339
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: 09/764,869
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: US01/01340
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: 09/764,874
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: US01/01334
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: 09/764,898
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: US01/01320
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: 09/764,853
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: US01/01349
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: 09/764,902
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: US01/01239
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: 09/764,870
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: US01/01348
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: 09/764,882
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: US01/01347
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: 09/764,896
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: US01/01341
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: 60/180,628
;; PRIOR FILING DATE: 2000-02-04
;; PRIOR APPLICATION NUMBER: 60/209,467
;; PRIOR FILING DATE: 2000-06-07
;; NUMBER OF SEQ ID NOS: 167
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO 57

LENGTH: 418
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: SITE
LOCATION: (367)
OTHER INFORMATION: n equals a,c,g, or c
NAME/KEY: SITE
LOCATION: (377)
OTHER INFORMATION: n equals a,c,g, or c
NAME/KEY: SITE
LOCATION: (388)
OTHER INFORMATION: n equals a,c,g, or c
NAME/KEY: SITE
LOCATION: (415)
OTHER INFORMATION: n equals a,c,g, or c
US-09-908-711-57

Query Match
Best Local Similarity 100.0%; Score 61; DB 10; Length 418;
Pred. No. 8.5e-21;
Matches 61; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2050 TCGAAGCTCTGAGCTGATGATCCACCCAGCTTGCTCCCAAGTGTGGATTACAG 2109
DB 96 TCGAAGCTCTGAGCTGATGATCCACCCAGCTTGCTCCCAAGTGTGGATTACAG 155
QY 2110 G 2110
DB 156 G 156

RESULT 13
US-09-764-860-1075/c
Sequence 1075, Application US/09764860
Patent No. US20020094953A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PC008
CURRENT APPLICATION NUMBER: US/09/764,860
CURRENT FILING DATE: 2001-01-17
Prior application data removed - consult PALM or file wrapper
NUMBER OF SEQ ID NOS: 1198
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1075
LENGTH: 6186
TYPE: DNA
ORGANISM: Homo sapiens
US-09-764-860-1075

Query Match
Best Local Similarity 100.0%; Score 61; DB 10; Length 6186;
Pred. No. 7.3e-21;
Matches 61; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2050 TCGAAGCTCTGAGCTGATGATCCACCCAGCTTGCTCCCAAGTGTGGATTACAG 2109
DB 5321 TCGAAGCTCTGAGCTGATGATCCACCCAGCTTGCTCCCAAGTGTGGATTACAG 5262
QY 2110 G 2110
DB 5261 G 5261

RESULT 14
US-10-092-154-1109
Sequence 1109, Application US/10092154
Publication No. US20030054375A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PC009C1
CURRENT APPLICATION NUMBER: US/10/092,154
CURRENT FILING DATE: 2002-03-07

NUMBER OF SEQ ID NOS: 2003
Prior Application removed - See File Wrapper or Palm
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1109
LENGTH: 6191
TYPE: DNA
ORGANISM: Homo sapiens
US-10-092-154-1109

Query Match
Best Local Similarity 100.0%; Score 61; DB 9; Length 6191;
Pred. No. 7.3e-21;
Matches 61; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2050 TCGAAGCTCTGAGCTGATGATCCACCCAGCTTGCTCCCAAGTGTGGATTACAG 2109
DB 3102 TCGAAGCTCTGAGCTGATGATCCACCCAGCTTGCTCCCAAGTGTGGATTACAG 3161
QY 2110 G 2110
DB 3162 G 3162

RESULT 15
US-09-764-860-1076/c
Sequence 1076, Application US/09764860
Patent No. US20020094953A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PC008
CURRENT APPLICATION NUMBER: US/09/764,860
CURRENT FILING DATE: 2001-01-17
Prior application data removed - consult PALM or file wrapper
NUMBER OF SEQ ID NOS: 1198
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1076
LENGTH: 6191
TYPE: DNA
ORGANISM: Homo sapiens
US-09-764-860-1076

Query Match
Best Local Similarity 100.0%; Score 61; DB 10; Length 6191;
Pred. No. 7.3e-21;
Matches 61; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2050 TCGAAGCTCTGAGCTGATGATCCACCCAGCTTGCTCCCAAGTGTGGATTACAG 2109
DB 5326 TCGAAGCTCTGAGCTGATGATCCACCCAGCTTGCTCCCAAGTGTGGATTACAG 5267
QY 2110 G 2110
DB 5266 G 5266

RESULT 16
US-09-764-860-1077/c
Sequence 1077, Application US/09764860
Patent No. US20020094953A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PC008
CURRENT APPLICATION NUMBER: US/09/764,860
CURRENT FILING DATE: 2001-01-17
Prior application data removed - consult PALM or file wrapper
NUMBER OF SEQ ID NOS: 1198
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1077
LENGTH: 6191
TYPE: DNA
ORGANISM: Homo sapiens
US-09-764-860-1077

Query Match 2.4%; Score 61; DB 10; Length 6191;
Best Local Similarity 100.0%; Pred. No. 7.3e-21;
Matches 61; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2050 TCGAAGCTCTGACCTGAGTGATCCACCCACCTTGCCCTCCCAAGTCTGGGATTACG 2109
DB 5326 TCGAAGCTCTGACCTGAGTGATCCACCCACCTTGCCCTCCCAAGTCTGGGATTACG 5267

QY 2110 G 2110
DB 5266 G 5266

RESULT 17
US-09-764-847-1109
; Sequence 1109, Application US/09764847
; Patent No. US20020132767A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC009
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 2003
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1109
; LENGTH: 6191
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-847-1109

Query Match 2.4%; Score 61; DB 10; Length 6191;
Best Local Similarity 100.0%; Pred. No. 7.3e-21;
Matches 61; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2050 TCGAAGCTCTGACCTGAGTGATCCACCCACCTTGCCCTCCCAAGTCTGGGATTACG 2109
DB 3102 TCGAAGCTCTGACCTGAGTGATCCACCCACCTTGCCCTCCCAAGTCTGGGATTACG 3161

QY 2110 G 2110
DB 3162 G 3162

RESULT 18
US-10-092-154-1110
; Sequence 1110, Application US/10092154
; Publication No. US20030054375A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC009C1
; CURRENT FILING DATE: 2002-03-07
; NUMBER OF SEQ ID NOS: 2003
; Prior application data removed - See File Wrapper or Palm
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1110
; LENGTH: 6194
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-092-154-1110

Query Match 2.4%; Score 61; DB 9; Length 6194;
Best Local Similarity 100.0%; Pred. No. 7.3e-21;
Matches 61; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2050 TCGAAGCTCTGACCTGAGTGATCCACCCACCTTGCCCTCCCAAGTCTGGGATTACG 2109
DB 3106 TCGAAGCTCTGACCTGAGTGATCCACCCACCTTGCCCTCCCAAGTCTGGGATTACG 3165
QY 2110 G 2110

DB 3166 G 3166

RESULT 19
US-09-764-847-1110
; Sequence 1110, Application US/09764847
; Patent No. US20020132767A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC009
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 2003
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1110
; LENGTH: 6194
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-847-1110

Query Match 2.4%; Score 61; DB 10; Length 6194;
Best Local Similarity 100.0%; Pred. No. 7.3e-21;
Matches 61; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2050 TCGAAGCTCTGACCTGAGTGATCCACCCACCTTGCCCTCCCAAGTCTGGGATTACG 2109
DB 3106 TCGAAGCTCTGACCTGAGTGATCCACCCACCTTGCCCTCCCAAGTCTGGGATTACG 3165

QY 2110 G 2110
DB 3166 G 3166

RESULT 20
US-09-764-904-71
; Sequence 71, Application US/09764904
; Patent No. US20020173454A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PA122
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 137
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 71
; LENGTH: 31994
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-904-71

Query Match 2.4%; Score 61; DB 9; Length 31994;
Best Local Similarity 100.0%; Pred. No. 6.6e-21;
Matches 61; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2060 GACCTCAGTGATCCACCCACCTTGCCCTCCCAAGTCTGGGATTACG 2119
DB 9222 GACCTCAGTGATCCACCCACCTTGCCCTCCCAAGTCTGGGATTACG 9281

QY 2120 C 2120
DB 9282 C 9282

RESULT 21
US-10-091-548-71
; Sequence 71, Application US/10091548
; Publication No. US20030049703A1
; GENERAL INFORMATION:

APPLICANT: Rosen et al.
FILE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PA122CI
CURRENT APPLICATION NUMBER: US/10/091,548
CURRENT FILING DATE: 2002-03-07
NUMBER OF SEQ ID NOS: 137
Prior Application removed - See File Wrapper or Palm
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 71
LENGTH: 31994
TYPE: DNA
ORGANISM: Homo sapiens
US-10-091-548-71

Query Match
Best Local Similarity 100.0%; Score 61; DB 9; Length 31994;
Matches 61; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2060 GACCTCAGGTGATCCACCCACCTTGCGCTCCCAAGTGTGGATTACAGGTGTGAGCCA 2119
DB 9222 GACCTCAGGTGATCCACCCACCTTGCGCTCCCAAGTGTGGATTACAGGTGTGAGCCA 9281

QY 2120 C 2120
DB 9282 C 9282

RESULT 22
US-09-764-860-599
Sequence 599, Application US/09764860
Patent No. US20020094953A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PC008
CURRENT APPLICATION NUMBER: US/09/764,860
CURRENT FILING DATE: 2001-01-17
Prior application data removed - consult PALM or file wrapper
NUMBER OF SEQ ID NOS: 1198
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 599
LENGTH: 31994
TYPE: DNA
ORGANISM: Homo sapiens
US-09-764-860-599

Query Match
Best Local Similarity 100.0%; Score 61; DB 10; Length 31994;
Matches 61; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2060 GACCTCAGGTGATCCACCCACCTTGCGCTCCCAAGTGTGGATTACAGGTGTGAGCCA 2119
DB 9222 GACCTCAGGTGATCCACCCACCTTGCGCTCCCAAGTGTGGATTACAGGTGTGAGCCA 9281

QY 2120 C 2120
DB 9282 C 9282

RESULT 23
US-09-842-364-1
Sequence 1, Application US/09842364
Publication No. US2003003783A1
GENERAL INFORMATION:
APPLICANT: Yen-Potin, Frances
APPLICANT: Denison, Blake
APPLICANT: Bout, Barbara
APPLICANT: Bihain, Bernard
APPLICANT: Dumas Milne Edwards, Jean-Baptiste
APPLICANT: Duclet, Aymeric
APPLICANT: Bouqueleret, Lydie
TITLE OF INVENTION: APOLIPROTEIN A-IV-RELATED PROTEIN. POLYPEPTIDE, POLYNUCLEOTIDE
TITLE OF INVENTION: SEQUENCES AND BIALLELIC MARKERS THEREOF.

FILE REFERENCE: GENSET.50CE2C
CURRENT APPLICATION NUMBER: US/09/842,364
CURRENT FILING DATE: 2001-04-25
PRIOR APPLICATION NUMBER: US 09/599,362
PRIOR FILING DATE: 2000-06-21
PRIOR APPLICATION NUMBER: PCT/IB99/02058
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: US 09/469/099
PRIOR FILING DATE: 1999-12-21
PRIOR APPLICATION NUMBER: US 60/113,686
PRIOR FILING DATE: 1998-12-22
PRIOR APPLICATION NUMBER: US 60/141,032
PRIOR FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patent.pm
SEQ ID NO 1
LENGTH: 81001

TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
LOCATION: 10946..12946
OTHER INFORMATION: 5'regulatory region
NAME/KEY: exon
LOCATION: 12947..12958
OTHER INFORMATION: exon 1
NAME/KEY: exon
LOCATION: 13470..13526
OTHER INFORMATION: exon 2
NAME/KEY: exon
LOCATION: 13641..13752
OTHER INFORMATION: exon 3
NAME/KEY: exon
LOCATION: 14271..15368
OTHER INFORMATION: exon 4
NAME/KEY: misc feature
LOCATION: 15969..17969
OTHER INFORMATION: 3'regulatory region
NAME/KEY: allele
LOCATION: 1239
OTHER INFORMATION: 20-828-311 : polymorphic base C or T
NAME/KEY: allele
LOCATION: 12347
OTHER INFORMATION: 17-42-319 : polymorphic base C or T
NAME/KEY: allele
LOCATION: 15241
OTHER INFORMATION: 17-41-250 : polymorphic base C or T
NAME/KEY: allele
LOCATION: 42218
OTHER INFORMATION: 20-841-149 : polymorphic base A or G
NAME/KEY: allele
LOCATION: 45442
OTHER INFORMATION: 20-842-115 : polymorphic base A or G
NAME/KEY: allele
LOCATION: 77058
OTHER INFORMATION: 20-853-415 : polymorphic base C or T
NAME/KEY: primer_bind
LOCATION: 929..949
OTHER INFORMATION: 20-828-pu
NAME/KEY: primer_bind
LOCATION: 1357..1377
OTHER INFORMATION: 20-828-rp complement
NAME/KEY: primer_bind
LOCATION: 12029..12050
OTHER INFORMATION: 17-42-pu
NAME/KEY: primer_bind
LOCATION: 12581..12603
OTHER INFORMATION: 17-42-rp complement
NAME/KEY: primer_bind
LOCATION: 14992..15012
OTHER INFORMATION: 17-41-pu
NAME/KEY: primer_bind
LOCATION: 15460..15482

```

OTHER INFORMATION: 17-41..rp complement
NAME/KEY: primer_bind
LOCATION: 42070..42090
OTHER INFORMATION: 20-841..pu
NAME/KEY: primer_bind
LOCATION: 42572..42591
OTHER INFORMATION: 20-841..rp complement
NAME/KEY: primer_bind
LOCATION: 45328..45347
OTHER INFORMATION: 20-842..pu
NAME/KEY: primer_bind
LOCATION: 45863..45883
OTHER INFORMATION: 20-842..rp complement
NAME/KEY: primer_bind
LOCATION: 76644..76664
OTHER INFORMATION: 20-853..pu
NAME/KEY: primer_bind
LOCATION: 77166..77185
OTHER INFORMATION: 20-853..rp complement
NAME/KEY: primer_bind
LOCATION: 1220..1238
OTHER INFORMATION: 20-828-311..mis
NAME/KEY: primer_bind
LOCATION: 1240..1258
OTHER INFORMATION: 20-828-311..mis complement
NAME/KEY: primer_bind
LOCATION: 12328..12346
OTHER INFORMATION: 17-42-319..mis
NAME/KEY: primer_bind
LOCATION: 12348..12366
OTHER INFORMATION: 17-42-319..mis complement
NAME/KEY: primer_bind
LOCATION: 15222..15240
OTHER INFORMATION: 17-41-250..mis
NAME/KEY: primer_bind
LOCATION: 15242..15260
OTHER INFORMATION: 17-41-250..mis complement
NAME/KEY: primer_bind
LOCATION: 42199..42217
OTHER INFORMATION: 20-841-149..mis
NAME/KEY: primer_bind
LOCATION: 42219..42237
OTHER INFORMATION: 20-841-149..mis complement
NAME/KEY: primer_bind
LOCATION: 45423..45441
OTHER INFORMATION: 20-842-115..mis
NAME/KEY: primer_bind
LOCATION: 45443..45461
OTHER INFORMATION: 20-842-115..mis complement
NAME/KEY: primer_bind
LOCATION: 77039..77057
OTHER INFORMATION: 20-853-415..mis
NAME/KEY: primer_bind
LOCATION: 77059..77077
OTHER INFORMATION: 20-853-415..mis complement
NAME/KEY: primer_bind
LOCATION: 1227..1251
OTHER INFORMATION: 20-828-311..probe
NAME/KEY: misc_binding
LOCATION: 12335..12359
OTHER INFORMATION: 17-42-319..probe
NAME/KEY: misc_binding
LOCATION: 15229..15253
OTHER INFORMATION: 17-41-250..probe
NAME/KEY: misc_binding
LOCATION: 42205..42230
OTHER INFORMATION: 20-841-149..probe
NAME/KEY: misc_binding
LOCATION: 45430..45454
OTHER INFORMATION: 20-842-115..probe
NAME/KEY: misc_binding
LOCATION: 77046..77070
OTHER INFORMATION: 20-853-415..probe

```

US-09-842-364-1

Query Match 2.4%; Score 61; DB 9; Length 81001;
 Best Local Similarity 100.0%; Pred. No. 6, 2e-21;
 Matches 61; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2050 TCGAAGCTGACCTGACGATCCACCACTTGCCCTCCCAAACTGCGGATTACAG 2109
 DB 64955 TCGAAGCTGACCTGACGATCCACCACTTGCCCTCCCAAACTGCGGATTACAG 65014

QY 2110 G 2110
 DB 65015 G 65015

```

RESULT 24
US-09-751-877-1
Sequence 1, Application US/09751877
Patent No. US20020142949A1
GENERAL INFORMATION:
APPLICANT: Yen, Frances
APPLICANT: Denison, Blake
APPLICANT: Bour, Barbara
APPLICANT: Bihain, Bernard
APPLICANT: Dumas Miline Edwards, Jean-Baptiste
APPLICANT: Duclert, Aymeric
APPLICANT: Bouguetret, Lydie
APPLICANT: Ebbers-Reed, Dana
APPLICANT: Salter-Cid, Luisa
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INHIBITING NEOPLASTIC CELL GROWTH
FILE REFERENCE: 89 US3,REG
CURRENT APPLICATION NUMBER: US/09/751,877
CURRENT FILING DATE: 2000-12-28
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patent.pm
SEQ ID NO 1
LENGTH: 81001
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: 10946..12946
OTHER INFORMATION: 5' regulatory region
NAME/KEY: exon
LOCATION: 12947..12958
OTHER INFORMATION: exon 1
NAME/KEY: exon
LOCATION: 13470..13526
OTHER INFORMATION: exon 2
NAME/KEY: exon
LOCATION: 13641..13752
OTHER INFORMATION: exon 3
NAME/KEY: exon
LOCATION: 14271..15968
OTHER INFORMATION: exon 4
NAME/KEY: misc_feature
LOCATION: 15965..17969
OTHER INFORMATION: 3' regulatory region
NAME/KEY: allele
LOCATION: 1239
OTHER INFORMATION: 20-828-311 : polymorphic base C or T
NAME/KEY: allele
LOCATION: 12347
OTHER INFORMATION: 17-42-319 : polymorphic base C or T
NAME/KEY: allele
LOCATION: 15241
OTHER INFORMATION: 17-41-250 : polymorphic base C or T
NAME/KEY: allele
LOCATION: 42218
OTHER INFORMATION: 20-841-149 : polymorphic base A or G
NAME/KEY: allele
LOCATION: 45442
OTHER INFORMATION: 20-842-115 : polymorphic base A or G

```

```

NAME/KEY: allele
LOCATION: 77058
OTHER INFORMATION: 20-853-415 : polymorphic base C or T
NAME/KEY: primer_bind
LOCATION: 929..949
OTHER INFORMATION: 20-828.pu
NAME/KEY: primer_bind
LOCATION: 1357..1377
OTHER INFORMATION: 20-828.rp complement
NAME/KEY: primer_bind
LOCATION: 12029..12050
OTHER INFORMATION: 17-42.pu
NAME/KEY: primer_bind
LOCATION: 12581..12603
OTHER INFORMATION: 17-42.rp complement
NAME/KEY: primer_bind
LOCATION: 14922..15012
OTHER INFORMATION: 17-41.pu
NAME/KEY: primer_bind
LOCATION: 15460..15482
OTHER INFORMATION: 17-41.rp complement
NAME/KEY: primer_bind
LOCATION: 42070..42090
OTHER INFORMATION: 20-841.pu
NAME/KEY: primer_bind
LOCATION: 42572..42591
OTHER INFORMATION: 20-841.rp complement
NAME/KEY: primer_bind
LOCATION: 45328..45347
OTHER INFORMATION: 20-842.pu
NAME/KEY: primer_bind
LOCATION: 45863..45883
OTHER INFORMATION: 20-842.rp complement
NAME/KEY: primer_bind
LOCATION: 76644..76664
OTHER INFORMATION: 20-853.pu
NAME/KEY: primer_bind
LOCATION: 77166..77185
OTHER INFORMATION: 20-853.rp complement
NAME/KEY: primer_bind
LOCATION: 1220..1238
OTHER INFORMATION: 20-828-311.mis
NAME/KEY: primer_bind
LOCATION: 1240..1258
OTHER INFORMATION: 20-828-311.mis complement
NAME/KEY: primer_bind
LOCATION: 12328..12346
OTHER INFORMATION: 17-42-319.mis
NAME/KEY: primer_bind
LOCATION: 12348..12366
OTHER INFORMATION: 17-42-319.mis complement
NAME/KEY: primer_bind
LOCATION: 15222..15240
OTHER INFORMATION: 17-41-250.mis
NAME/KEY: primer_bind
LOCATION: 15242..15260
OTHER INFORMATION: 17-41-250.mis complement
NAME/KEY: primer_bind
LOCATION: 42199..42217
OTHER INFORMATION: 20-841-149.mis
NAME/KEY: primer_bind
LOCATION: 42219..42237
OTHER INFORMATION: 20-841-149.mis complement
NAME/KEY: primer_bind
LOCATION: 45423..45441
OTHER INFORMATION: 20-842-115.mis
NAME/KEY: primer_bind
LOCATION: 45443..45461
OTHER INFORMATION: 20-842-115.mis complement
NAME/KEY: primer_bind
LOCATION: 77039..77057
OTHER INFORMATION: 20-853-415.mis
NAME/KEY: primer_bind

```

```

LOCATION: 77059..77077
OTHER INFORMATION: 20-853-415.mis complement
NAME/KEY: misc_binding
LOCATION: 1227..1251
OTHER INFORMATION: 20-828-311.probe
NAME/KEY: misc_binding
LOCATION: 12315..12359
OTHER INFORMATION: 17-42-319.probe
NAME/KEY: misc_binding
LOCATION: 15229..15253
OTHER INFORMATION: 17-41-250.probe
NAME/KEY: misc_binding
LOCATION: 42206..42230
OTHER INFORMATION: 20-841-149.probe
NAME/KEY: misc_binding
LOCATION: 45430..45454
OTHER INFORMATION: 20-842-115.probe
NAME/KEY: misc_binding
LOCATION: 77046..77070
OTHER INFORMATION: 20-853-415.probe
US-09-751-877-1

```

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Query Match      2.4%; Score 61; DB 9; Length 81001;
Best Local Similarity 100.0%; Pred. No. 6-2e-21;
Matches 61; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2050 TCGAAGCTGCTGAGCTGATCCACCCACCTTGCTCCCAAGTCTGGATTACAG 2109
DB 64955 TCGAAGCTGCTGAGCTGATCCACCCACCTTGCTCCCAAGTCTGGATTACAG 65014
QY 2110 G 2110
DB 65015 G 65015

```

```

RESULT 25
US-10-161-510-1
Sequence 1, Application US/10161510
Publication No. US20020192695A1
GENERAL INFORMATION:
APPLICANT: EXELIXIS, INC.
TITLE OF INVENTION: P13S AS MODIFIERS OF THE P53 PATHWAY AND METHODS OF USE
FILE REFERENCE: EX02-074C
CURRENT APPLICATION NUMBER: US/10/161,510
CURRENT FILING DATE: 2002-06-03
PRIOR APPLICATION NUMBER: US 60/296,076
PRIOR FILING DATE: 2001-06-05
PRIOR APPLICATION NUMBER: US 60/328,605
PRIOR FILING DATE: 2001-10-10
PRIOR APPLICATION NUMBER: US 60/357,253
PRIOR FILING DATE: 2002-02-15
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 133893
TYPE: DNA
ORGANISM: Homo sapiens
US-10-161-510-1

```

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Query Match      2.4%; Score 61; DB 9; Length 133893;
Best Local Similarity 100.0%; Pred. No. 6e-21;
Matches 61; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2050 TCGAAGCTGCTGAGCTGATCCACCCACCTTGCTCCCAAGTCTGGATTACAG 2109
DB 64955 TCGAAGCTGCTGAGCTGATCCACCCACCTTGCTCCCAAGTCTGGATTACAG 65014
QY 2110 G 2110
DB 66968 G 66968
RESULT 26

```

US-09-863-475A-5
; Sequence 5, Application US/09863475A
; Patent No. US20020102688A1
; GENERAL INFORMATION:
; APPLICANT: LOWE, JOHN B.
; TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS
; OF OLIGOSACCHARIDE STRUCTURES ON GLYCOPROTEINS,
; GLYCOLIPIDS, OR AS FREE MOLECULES, AND FOR THE ISOLATION
; OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTURES
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; P.C.
; STREET: 1755 Jefferson Davis Highway, Fourth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/863,475A
; FILING DATE: 24-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/914,281
; FILING DATE: 20-JUL-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Lavalleye, Jean-Paul M. P.
; REGISTRATION NUMBER: 31,451
; REFERENCE/DOCKET NUMBER: 2363-060-55
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 8174 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-863-475A-5
Query Match 2.3%; Score 60; DB 10; Length 8174;
Best Local Similarity 100.0%; Pred.No. 2.3e-20;
Matches 60; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2061 ACCTGAGTGATCCACCCACCTTGCCCTCCCAAGTGTGGATTACAGGTGTGAGCCAC 2120
DB 4227 ACCTGAGTGATCCACCCACCTTGCCCTCCCAAGTGTGGATTACAGGTGTGAGCCAC 4286
RESULT 27
US-10-000-639-7/C
; Sequence 7, Application US/10000639
; Publication No. US2002019277A1
; GENERAL INFORMATION:
; APPLICANT: SHEPPARD, PAUL O.
; APPLICANT: VU, TUYEN O.
; APPLICANT: FELDHAUS, ANDREW L.
; APPLICANT: HALDEMAN, BETTY A.
; TITLE OF INVENTION: Testis Protein, Zs186
; FILE REFERENCE: 00-44
; CURRENT APPLICATION NUMBER: US/10/000,639
; CURRENT FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: 60/245,070
; PRIOR FILING DATE: 2000-11-01

NUMBER OF SEQ ID NOS: 16
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 7
; LENGTH: 9887
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-000-639-7
Query Match 2.3%; Score 60; DB 9; Length 9887;
Best Local Similarity 100.0%; Pred.No. 2.3e-20;
Matches 60; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2061 ACCTGAGTGATCCACCCACCTTGCCCTCCCAAGTGTGGATTACAGGTGTGAGCCAC 2120
DB 8664 ACCTGAGTGATCCACCCACCTTGCCCTCCCAAGTGTGGATTACAGGTGTGAGCCAC 8605
RESULT 28
US-09-986-480-38/C
; Sequence 38, Application US/09986480
; Publication No. US20030027999A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 143 Human Secreted Proteins
; FILE REFERENCE: PSS0081
; CURRENT APPLICATION NUMBER: US/09/986,480
; CURRENT FILING DATE: 2001-11-08
; PRIOR APPLICATION NUMBER: PCT/US00/12788
; PRIOR FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: US 60/134,068
; PRIOR FILING DATE: 1999-05-13
; NUMBER OF SEQ ID NOS: 456
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 38
; LENGTH: 1376
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (938)
; OTHER INFORMATION: n equals a,t,g, or c
; NAME/KEY: SITE
; LOCATION: (1350)
; OTHER INFORMATION: n equals a,t,g, or c
; NAME/KEY: SITE
; LOCATION: (1358)
; OTHER INFORMATION: n equals a,t,g, or c
; NAME/KEY: SITE
; LOCATION: (1360)
; OTHER INFORMATION: n equals a,t,g, or c
US-09-986-480-38
Query Match 2.3%; Score 59; DB 9; Length 1376;
Best Local Similarity 100.0%; Pred.No. 8.2e-20;
Matches 59; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2032 GAATCTGACCTCAAGTGATCCACCCACCTTGCCCTCCCAAGTGTGGATTACAGG 2110
DB 1094 GAATCTGACCTCAAGTGATCCACCCACCTTGCCCTCCCAAGTGTGGATTACAGG 1036
RESULT 29
US-10-079-854-231
; Sequence 231, Application US/10079854
; Publication No. US20030054368A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PA121C1
; CURRENT APPLICATION NUMBER: US/10/079,854
; CURRENT FILING DATE: 2002-02-22
; PRIOR APPLICATION removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 428

SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 231
LENGTH: 11172
TYPE: DNA
ORGANISM: Homo sapiens
US-10-079-854-231

Query Match 2.3%; Score 59; DB 9; Length 11172;
Best Local Similarity 100.0%; Pred. No. 7.2e-20;
Matches 59; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2068 GTGATCCACCACTTGAGCTCCCAAGTGTGAGATTACAGGTGAGCCACGCGCACC 2126
Db 2692 GTGATCCACCACTTGAGCTCCCAAGTGTGAGATTACAGGTGAGCCACGCGCACC 2750

RESULT 30

US-09-764-878-231
Sequence 231, Application US/09764878
Patent No. US2002090615A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PA121
CURRENT APPLICATION NUMBER: US/09/764,878
CURRENT FILING DATE: 2001-01-17
Prior application data removed - consult PALM or file wrapper
NUMBER OF SEQ ID NOS: 428
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 231
LENGTH: 11172
TYPE: DNA
ORGANISM: Homo sapiens
US-09-764-878-231

Query Match 2.3%; Score 59; DB 10; Length 11172;
Best Local Similarity 100.0%; Pred. No. 7.2e-20;
Matches 59; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2068 GTGATCCACCACTTGAGCTCCCAAGTGTGAGATTACAGGTGAGCCACGCGCACC 2126
Db 2692 GTGATCCACCACTTGAGCTCCCAAGTGTGAGATTACAGGTGAGCCACGCGCACC 2750

RESULT 31

US-09-860-670-263
Sequence 263, Application US/09860670
Patent No. US2002016517A1
GENERAL INFORMATION:
APPLICANT: Ruben et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PA127P1
CURRENT APPLICATION NUMBER: US/09/860,670
CURRENT FILING DATE: 2001-05-21
Prior application data removed - consult PALM or file wrapper
NUMBER OF SEQ ID NOS: 289
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 263
LENGTH: 24218
TYPE: DNA
ORGANISM: Homo sapiens
US-09-860-670-263

Query Match 2.3%; Score 59; DB 9; Length 24218;
Best Local Similarity 100.0%; Pred. No. 6.9e-20;
Matches 59; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2052 GAATCTGACCTGAGGTATCCACCACTTGAGCTCCCAAGTGTGAGATTACAGG 2110
Db 12343 GAATCTGACCTGAGGTATCCACCACTTGAGCTCCCAAGTGTGAGATTACAGG 12401

RESULT 32

US-09-860-670-255
Sequence 255, Application US/09860670
Patent No. US2002016517A1
GENERAL INFORMATION:
APPLICANT: Ruben et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PA127P1
CURRENT APPLICATION NUMBER: US/09/860,670
CURRENT FILING DATE: 2001-05-21
Prior application data removed - consult PALM or file wrapper
NUMBER OF SEQ ID NOS: 289
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 255
LENGTH: 32190
TYPE: DNA
ORGANISM: Homo sapiens
US-09-860-670-255

Query Match 2.3%; Score 59; DB 9; Length 32190;
Best Local Similarity 100.0%; Pred. No. 6.8e-20;
Matches 59; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2052 GAATCTGACCTGAGGTATCCACCACTTGAGCTCCCAAGTGTGAGATTACAGG 2110
Db 27046 GAATCTGACCTGAGGTATCCACCACTTGAGCTCCCAAGTGTGAGATTACAGG 27104

RESULT 33

US-09-860-670-260
Sequence 260, Application US/09860670
Patent No. US2002016517A1
GENERAL INFORMATION:
APPLICANT: Ruben et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PA127P1
CURRENT APPLICATION NUMBER: US/09/860,670
CURRENT FILING DATE: 2001-05-21
Prior application data removed - consult PALM or file wrapper
NUMBER OF SEQ ID NOS: 289
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 260
LENGTH: 32249
TYPE: DNA
ORGANISM: Homo sapiens
US-09-860-670-260

Query Match 2.3%; Score 59; DB 9; Length 32249;
Best Local Similarity 100.0%; Pred. No. 6.8e-20;
Matches 59; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2052 GAATCTGACCTGAGGTATCCACCACTTGAGCTCCCAAGTGTGAGATTACAGG 2110
Db 20262 GAATCTGACCTGAGGTATCCACCACTTGAGCTCCCAAGTGTGAGATTACAGG 20320

RESULT 34

US-10-224-562-3/C
Sequence 3, Application US/10224562
Publication No. US20030022229A1
GENERAL INFORMATION:
APPLICANT: YAN, Chunhua et al.
TITLE OF INVENTION: ISOLATED HUMAN KINASE PROTEINS, NUCLEIC
TITLE OF INVENTION: ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES
FILE REFERENCE: C1001098D1V
CURRENT APPLICATION NUMBER: US/10/224,562
CURRENT FILING DATE: 2002-08-21
NUMBER OF SEQ ID NOS: 10
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 3
LENGTH: 53332
TYPE: DNA
ORGANISM: Homo sapiens

Query Match 2.3%; Score 59; DB 9; Length 53332;
Best Local Similarity 100.0%; Pred. No. 6.8e-20;
Matches 59; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2052 GAATCTGACCTGAGGTATCCACCACTTGAGCTCCCAAGTGTGAGATTACAGG 2110
Db 20262 GAATCTGACCTGAGGTATCCACCACTTGAGCTCCCAAGTGTGAGATTACAGG 20320

US-10-224-562-3

Query Match 2.3%; Score 59; DB 9; Length 53332;
Best Local Similarity 100.0%; Pred. No. 6.6e-20;
Matches 59; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 2052 GAACCTCGACCTCAGGTATCCACCCACCTGCGCTCCCAAGTCTGGGATTACAGG 2110
DB 46535 GAACCTCGACCTCAGGTATCCACCCACCTGCGCTCCCAAGTCTGGGATTACAGG 46477

RESULT 35
US-09-801-861-3/c
; Sequence 3, Application US/09801861
; Patent No. US20020119544A1
; GENERAL INFORMATION:

; APPLICANT: YAN, Chunhua et al.
; TITLE OF INVENTION: ISOLATED HUMAN KINASE PROTEINS, NUCLEIC
; TITLE OF INVENTION: ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES
; FILE REFERENCE: CLO01098
; CURRENT APPLICATION NUMBER: US/09/801,861
; CURRENT FILING DATE: 2001-03-09
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 53332
; TYPE: DNA
; ORGANISM: Human
US-09-801-861-3

Query Match 2.3%; Score 59; DB 10; Length 53332;
Best Local Similarity 100.0%; Pred. No. 6.6e-20;
Matches 59; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 2052 GAACCTCGACCTCAGGTATCCACCCACCTGCGCTCCCAAGTCTGGGATTACAGG 2110
DB 46535 GAACCTCGACCTCAGGTATCCACCCACCTGCGCTCCCAAGTCTGGGATTACAGG 46477

RESULT 36
US-09-818-512-3
; Sequence 3, Application US/09818512
; Patent No. US20020142416A1
; GENERAL INFORMATION:

; APPLICANT: BEASLEY, Ellen et al.
; TITLE OF INVENTION: ISOLATED HUMAN ENZYME PROTEINS, NUCLEIC
; TITLE OF INVENTION: ACID MOLECULES ENCODING HUMAN ENZYME PROTEINS, AND USES
; FILE REFERENCE: CLO01192
; CURRENT APPLICATION NUMBER: US/09/818,512
; CURRENT FILING DATE: 2001-03-28
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 116592
; TYPE: DNA
; ORGANISM: Human
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(116592)
; OTHER INFORMATION: n = A,T,C or G
US-09-818-512-3

Query Match 2.3%; Score 59; DB 10; Length 116592;
Best Local Similarity 100.0%; Pred. No. 6.3e-20;
Matches 59; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 2052 GAACCTCGACCTCAGGTATCCACCCACCTGCGCTCCCAAGTCTGGGATTACAGG 2110
DB 70804 GAACCTCGACCTCAGGTATCCACCCACCTGCGCTCCCAAGTCTGGGATTACAGG 70862

RESULT 37
US-09-969-708-79/c
; Sequence 79, Application US/09969708
; Patent No. US20020102532A1
; GENERAL INFORMATION:

; APPLICANT: Augustus, Meena
; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signatu
; TITLE OF INVENTION: Sets
; FILE REFERENCE: 689290-70
; CURRENT APPLICATION NUMBER: US/09/969,708
; CURRENT FILING DATE: 2001-10-03
; PRIOR APPLICATION NUMBER: US/60/237,606
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: US/60/237,608
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: US/60/237,425
; PRIOR FILING DATE: 2000-10-03
; NUMBER OF SEQ ID NOS: 658
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 79
; LENGTH: 145831
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-969-708-79

Query Match 2.3%; Score 59; DB 10; Length 145831;
Best Local Similarity 100.0%; Pred. No. 6.2e-20;
Matches 59; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 2053 AACTCTGACCTCAGGTATCCACCCACCTGCGCTCCCAAGTCTGGGATTACAGGT 2111
DB 86920 AACTCTGACCTCAGGTATCCACCCACCTGCGCTCCCAAGTCTGGGATTACAGGT 86962

RESULT 38

US-09-954-456-2116/c
; Sequence 2116, Application US/09954456
; Patent No. US20020115057A1
; GENERAL INFORMATION:
; APPLICANT: Young, Paul
; TITLE OF INVENTION: Process for Identifying Anti-Cancer Therapeutic Agents Using Canc
; FILE REFERENCE: 689290-76
; CURRENT APPLICATION NUMBER: US/09/954,456
; CURRENT FILING DATE: 2001-09-18
; PRIOR APPLICATION NUMBER: US/60/233,617
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US/60/234,052
; PRIOR FILING DATE: 2000-09-20
; PRIOR APPLICATION NUMBER: US/60/234,923
; PRIOR FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: US/60/235,134
; PRIOR FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: US/60/235,637
; PRIOR FILING DATE: 2000-09-26
; PRIOR APPLICATION NUMBER: US/60/235,638
; PRIOR FILING DATE: 2000-09-26
; PRIOR APPLICATION NUMBER: US/60/235,711
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: US/60/235,720
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: US/60/235,840
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: US/60/235,863
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 2276
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2116
; LENGTH: 145831
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-954-456-2116

Query Match 2.3%; Score 59; DB 10; Length 145831;
Best Local Similarity 100.0%; Pred. No. 6.2e-20;
Matches 59; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2053 AACTCTGACCTCAGGTATCCACCACCTTGCCCTCCCAAAAGTGTGGATTACAGT 2111
Db 86920 AACTCTGACCTCAGGTATCCACCACCTTGCCCTCCCAAAAGTGTGGATTACAGT 86862

RESULT 39
US-10-079-854-338/c
; Sequence 338, Application US/10079854
; Publication No. US20030054368A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PA121C1
; CURRENT APPLICATION NUMBER: US/10/079,854
; CURRENT FILING DATE: 2002-02-22
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 428
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 338
; LENGTH: 113
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-079-854-338

Query Match 2.3%; Score 58; DB 9; Length 113;
Best Local Similarity 100.0%; Pred. No. 3.1e-19;
Matches 58; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2053 AACTCTGACCTCAGGTATCCACCACCTTGCCCTCCCAAAAGTGTGGATTACAGT 2110
Db 58 AACTCTGACCTCAGGTATCCACCACCTTGCCCTCCCAAAAGTGTGGATTACAGT 1

RESULT 40
US-09-764-878-338/c
; Sequence 338, Application US/09764878
; Patent No. US20020090615A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PA121
; CURRENT APPLICATION NUMBER: US/09/764,878
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 428
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 338
; LENGTH: 113
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-878-338

Query Match 2.3%; Score 58; DB 10; Length 113;
Best Local Similarity 100.0%; Pred. No. 3.1e-19;
Matches 58; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2053 AACTCTGACCTCAGGTATCCACCACCTTGCCCTCCCAAAAGTGTGGATTACAGT 2110
Db 58 AACTCTGACCTCAGGTATCCACCACCTTGCCCTCCCAAAAGTGTGGATTACAGT 1

RESULT 41
US-09-908-711-148/c
; Sequence 148, Application US/09908711
; Patent No. US20020045230A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PA128

CURRENT APPLICATION NUMBER: US/09/908,711
; CURRENT FILING DATE: 2001-07-20
; PRIOR APPLICATION NUMBER: US01/01360
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,867
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01344
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,892
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01345
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,888
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01329
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,905
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01354
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,891
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01339
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,869
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01340
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,874
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01334
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,898
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01320
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,853
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01349
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,902
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01239
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,870
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01348
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,882
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01347
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,896
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01307
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,864
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01341
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,856
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01336
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,868
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01312
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/209,467

;; PRIOR FILING DATE: 2000-06-07
;; NUMBER OF SEQ ID NOS: 167
;; SOFTWARE: Patentin Ver. 2.0
;; SEQ ID NO 148
;; LENGTH: 529
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-908-711-148

Query Match 2.3%; Score 58; DB 10; Length 529;
Best Local Similarity 100.0%; Pred. No. 2.8e-19;
Matches 58; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2053 AACCTGACCTGAGTGATCCACCACTTGCCCAAGTCTGGATTACAGG 2110
Db 363 AACCTGACCTGAGTGATCCACCACTTGCCCAAGTCTGGATTACAGG 306

RESULT 42
US-09-908-711-149/c
; Sequence 149, Application US/09908711
; Patent No. US20020045230A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PA128
; CURRENT FILING DATE: 2001-07-20
; PRIOR APPLICATION NUMBER: US01/01360
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,867
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01344
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,892
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01345
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,888
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01329
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,905
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01354
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,891
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01339
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,869
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01340
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,874
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01334
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,898
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01320
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,853
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01349
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,902
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01239
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,870
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01348

;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: 09/764,882
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: US01/01347
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: 09/764,896
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: US01/01307
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: 09/764,864
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: US01/01341
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: 09/764,856
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: US01/01336
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: 09/764,868
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: US01/01312
;; PRIOR FILING DATE: 2001-01-17
;; PRIOR APPLICATION NUMBER: 60/179,065
;; PRIOR FILING DATE: 2000-01-31
;; PRIOR APPLICATION NUMBER: 60/180,628
;; PRIOR FILING DATE: 2000-02-04
;; PRIOR APPLICATION NUMBER: 60/209,467
;; PRIOR FILING DATE: 2000-06-07
;; NUMBER OF SEQ ID NOS: 167
;; SOFTWARE: Patentin Ver. 2.0
;; SEQ ID NO 149
;; LENGTH: 529
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-908-711-149

Query Match 2.3%; Score 58; DB 10; Length 529;
Best Local Similarity 100.0%; Pred. No. 2.8e-19;
Matches 58; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2053 AACCTGACCTGAGTGATCCACCACTTGCCCAAGTCTGGATTACAGG 2110
Db 363 AACCTGACCTGAGTGATCCACCACTTGCCCAAGTCTGGATTACAGG 306

RESULT 43
US-09-908-711-150/c
; Sequence 150, Application US/09908711
; Patent No. US20020045230A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PA128
; CURRENT FILING DATE: 2001-07-20
; PRIOR APPLICATION NUMBER: US01/01360
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,867
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01344
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,892
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01345
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,888
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01329
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,905
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01354
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,891

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; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01339
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,869
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01340
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,874
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01334
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,898
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01320
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,853
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01349
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,902
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01239
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,870
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01348
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,882
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01347
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,896
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01307
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,864
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01341
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,856
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01336
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,868
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01312
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/209,467
; PRIOR FILING DATE: 2000-06-07
; NUMBER OF SEQ ID NOS: 167
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 150
; LENGTH: 529
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-908-711-150

Query Match      2.3%; Score 58; DB 10; Length 529;
Best Local Similarity 100.0%; Pred. No. 2.8e-19;
Matches 58; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy 2053 AACTCTGACCTGAGTGATCCACCACTTGGCTCCCAAGTGTGGATTACAGG 2110
      |||
Db 363 AACTCTGACCTGAGTGATCCACCACTTGGCTCCCAAGTGTGGATTACAGG 306

RESULT 44
US-09-908-711-27/C
; Sequence 27, Application US/09908711
```

```

; Patent No. US20020045230A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PA128
; CURRENT FILING DATE: 2001-07-20
; PRIOR APPLICATION NUMBER: US01/01360
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,867
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01344
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,892
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01345
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,888
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01329
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,905
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01354
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,891
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01339
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,869
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01340
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,874
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01334
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,898
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01320
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,853
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01349
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,902
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01239
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,870
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01348
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,882
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01347
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,896
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01307
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,864
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01341
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,856
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01336
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,868
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01312
; PRIOR FILING DATE: 2001-01-17
```

```
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/209,467
; PRIOR FILING DATE: 2000-06-07
; NUMBER OF SEQ ID NOS: 167
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 27
; LENGTH: 538
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (504)
; OTHER INFORMATION: n equals a,t,g, or c
; US-09-908-711-27

Query Match      2.3%; Score 58; DB 10; Length 538;
Best Local Similarity 100.0%; Pred. No. 2.8e-19;
Matches 58; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2053 AACTCTGACCTCAGGTGATCCACCACCTTGCGCTCCCAAGTCTGGATTACAGG 2110
Db 372 AACTCTGACCTCAGGTGATCCACCACCTTGCGCTCCCAAGTCTGGATTACAGG 315

RESULT 45
US-09-764-877-3251/c
; Sequence 3251, Application US/09764877
; Patent No. US20020147140A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC005
; CURRENT APPLICATION NUMBER: US/09/764,877
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - refer to PALM or file wrapper
; NUMBER OF SEQ ID NOS: 4031
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3251
; LENGTH: 32177
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-764-877-3251

Query Match      2.3%; Score 58; DB 10; Length 32177;
Best Local Similarity 100.0%; Pred. No. 2.2e-19;
Matches 58; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2053 AACTCTGACCTCAGGTGATCCACCACCTTGCGCTCCCAAGTCTGGATTACAGG 2110
Db 2701 AACTCTGACCTCAGGTGATCCACCACCTTGCGCTCCCAAGTCTGGATTACAGG 2644

RESULT 46
US-09-731-231A-3/c
; Sequence 3, Application US/09731231A
; Patent No. US2002082189A1
; GENERAL INFORMATION:
; APPLICANT: GUEGLER, Karl et al
; TITLE OF INVENTION: ISOLATED HUMAN KINASE PROTEINS, NUCLEIC
; TITLE OF INVENTION: ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES
; FILE REFERENCE: CL001007
; CURRENT APPLICATION NUMBER: US/09/731,231A
; CURRENT FILING DATE: 2000-12-07
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 326014
; TYPE: DNA
; ORGANISM: Human
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; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1) - (326014)
; OTHER INFORMATION: n = A,T,C or G
; US-09-731-231A-3
```

```
Query Match      2.3%; Score 58; DB 10; Length 326014;
Best Local Similarity 100.0%; Pred. No. 1.9e-19;
Matches 58; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2052 GAATCTGACCTCAGGTGATCCACCACCTTGCGCTCCCAAGTCTGGATTACAG 2109
Db 228267 GAATCTGACCTCAGGTGATCCACCACCTTGCGCTCCCAAGTCTGGATTACAG 228210
```

```
RESULT 47
US-09-764-877-3448/c
; Sequence 3448, Application US/09764877
; Patent No. US20020147140A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC005
; CURRENT APPLICATION NUMBER: US/09/764,877
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - refer to PALM or file wrapper
; NUMBER OF SEQ ID NOS: 4031
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3448
; LENGTH: 3561
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-764-877-3448

Query Match      2.2%; Score 56; DB 10; Length 3561;
Best Local Similarity 100.0%; Pred. No. 2.6e-18;
Matches 56; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
Qy 2053 AACTCTGACCTCAGGTGATCCACCACCTTGCGCTCCCAAGTCTGGATTACAG 2108
Db 2775 AACTCTGACCTCAGGTGATCCACCACCTTGCGCTCCCAAGTCTGGATTACAG 2720
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```
RESULT 48
US-09-908-711-147
; Sequence 147, Application US/09908711
; Patent No. US2002045230A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PA128
; CURRENT APPLICATION NUMBER: US/09/908,711
; CURRENT FILING DATE: 2001-07-20
; PRIOR APPLICATION NUMBER: US01/01360
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,867
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01344
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,892
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01345
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,888
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01329
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,905
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01354
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,891
; PRIOR FILING DATE: 2001-01-17
```

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; PRIOR APPLICATION NUMBER: US01/01339
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,869
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01340
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,874
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01341
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,898
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01340
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,853
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01349
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,902
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01239
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,870
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01348
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,882
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01347
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,896
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01307
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,864
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01341
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,856
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01336
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,868
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US01/01312
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/209,467
; PRIOR FILING DATE: 2000-06-07
; NUMBER OF SEQ ID NOS: 167
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 147
; LENGTH: 8742
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-908-711-147

Query Match      2.2%; Score 56; DB 10; Length 8742;
Best Local Similarity 100.0%; Pred. No. 2.5e-18;
Matches 56; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```

Oy 2055 CTCCTGACCTGAGTGATCCACCCACCTTGCCCAAGTGTGGGATTACAG 2110
Db 486 CTCCTGACCTGAGTGATCCACCCACCTTGCCCAAGTGTGGGATTACAG 541
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RESULT 49
; Sequence 1, Application US/09863049A
; Publication No. US20030032055A1
```

```

; GENERAL INFORMATION:
; APPLICANT: Kenrick, Sue J.
; APPLICANT: Nelson, David L.
; APPLICANT: Aradhy, Swaroop
; APPLICANT: D'Urso, Michele
; APPLICANT: Woffendin, Hayley
; APPLICANT: Munnich, Arnold
; APPLICANT: Smahi, Asmae
; APPLICANT: Israel, Alain
; APPLICANT: Pousrka, Annemarie
; APPLICANT: Lewis, Richard A
; APPLICANT: Levy, Noie
; TITLE OF INVENTION: Diagnosis and Treatment of Medical Conditions Associated with Def
; FILE REFERENCE: HO-P01961US1
; CURRENT APPLICATION NUMBER: US/09/863,049A
; PRIOR FILING DATE: 2001-05-22
; PRIOR APPLICATION NUMBER: US 60/206,223
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 23106
; TYPE: DNA
; ORGANISM: Human
US-09-863-049A-1

Query Match      2.2%; Score 56; DB 9; Length 23106;
Best Local Similarity 100.0%; Pred. No. 2.3e-18;
Matches 56; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```

Oy 2055 CTCCTGACCTGAGTGATCCACCCACCTTGCCCAAGTGTGGGATTACAG 2110
Db 13538 CTCCTGACCTGAGTGATCCACCCACCTTGCCCAAGTGTGGGATTACAG 13593
```

```

RESULT 50
US-09-764-887-427/c
; Sequence 427, Application US/09764887
; Patent No. US20020042096A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PA113
; CURRENT APPLICATION NUMBER: US/09/764,887
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 658
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 427
; LENGTH: 298
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-887-427
```

```

Query Match      2.1%; Score 53; DB 10; Length 298;
Best Local Similarity 100.0%; Pred. No. 1e-16;
Matches 53; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 2068 GTGATCCACCCACCTTGCCCAAGTGTGGGATTACAGTGTGAGCCAC 2120
Db 65 GTGATCCACCCACCTTGCCCAAGTGTGGGATTACAGTGTGAGCCAC 13
```

```

RESULT 51
US-09-764-887-429/c
; Sequence 429, Application US/09764887
; Patent No. US20020042096A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PA113
```

CURRENT APPLICATION NUMBER: US/09/764,887
CURRENT FILING DATE: 2001-01-17
Prior application data removed - consult PALM or file wrapper
NUMBER OF SEQ ID NOS: 658
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 429
LENGTH: 298
TYPE: DNA
ORGANISM: Homo sapiens
US-09-764-887-429

Query Match 2.1%; Score 53; DB 10; Length 298;
Best Local Similarity 100.0%; Pred. No. 1e-16;
Matches 53; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2068 GTGATCCACCCACCTTGCCCTCCCAAGTGTGGATTACAGGTGTGAGCCAC 2120
Db 65 GTGATCCACCCACCTTGCCCTCCCAAGTGTGGATTACAGGTGTGAGCCAC 13

RESULT 52
US-09-803-719-249/C
Sequence 249, Application US/09803719
Publication No. US20030044783A1

GENERAL INFORMATION:
APPLICANT: Williams, Lewis T.
APPLICANT: Escobedo, Jaime
APPLICANT: Innis, Michael A.
APPLICANT: Garcia, Pablo Dominguez
APPLICANT: Sudduth-Klinger, Julie
APPLICANT: Reinhard, Christoph
APPLICANT: Giese, Klaus
APPLICANT: Randazzo, Filippo
APPLICANT: Kennedy, Giulia C.
APPLICANT: Pot, David
APPLICANT: Kassam, Altaf
APPLICANT: Lamson, George
APPLICANT: Drmanac, Radoje
APPLICANT: Citkenjakov, Radomir
APPLICANT: Dickson, Mark
APPLICANT: Drmanac, Snezana
APPLICANT: Labat, Ivan
APPLICANT: Leshkowitz, Dena
APPLICANT: Kita, David
APPLICANT: Garcia, Veronica
APPLICANT: Jones, Lee William
APPLICANT: Stache-Crain, Birgit
TITLE OF INVENTION: Human Genes and Gene Products
FILE REFERENCE: 1624,002
CURRENT APPLICATION NUMBER: US/09/803,719
CURRENT FILING DATE: 2001-03-09
PRIOR APPLICATION NUMBER: 60/188,609
PRIOR FILING DATE: 2000-03-09
NUMBER OF SEQ ID NOS: 2396
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 249
LENGTH: 339
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(339)
OTHER INFORMATION: n = A,T,C or G
US-09-803-719-249

Query Match 2.1%; Score 53; DB 9; Length 339;
Best Local Similarity 100.0%; Pred. No. 1e-16;
Matches 53; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2080 CTTGGCCTCCCAAGTGTGGATTACAGGTGTGAGCCACGAGCCACCT 2132
Db 313 CTTGGCCTCCCAAGTGTGGATTACAGGTGTGAGCCACGAGCCACCT 261

RESULT 53
US-10-079-854-245/C
Sequence 245, Application US/10079854
Publication No. US20030054368A1

GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PA121C1
CURRENT APPLICATION NUMBER: US/10/079,854
CURRENT FILING DATE: 2002-02-22
Prior application data removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 428
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 245
LENGTH: 1036
TYPE: DNA
ORGANISM: Homo sapiens
US-10-079-854-245

Query Match 2.1%; Score 53; DB 9; Length 1036;
Best Local Similarity 100.0%; Pred. No. 9.3e-17;
Matches 53; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2068 GTGATCCACCCACCTTGCCCTCCCAAGTGTGGATTACAGGTGTGAGCCAC 2120
Db 631 GTGATCCACCCACCTTGCCCTCCCAAGTGTGGATTACAGGTGTGAGCCAC 579

RESULT 54
US-09-764-878-245/C
Sequence 245, Application US/09764878
Patent No. US20020090615A1

GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PA121
CURRENT APPLICATION NUMBER: US/09/764,878
CURRENT FILING DATE: 2001-01-17
Prior application data removed - consult PALM or file wrapper
NUMBER OF SEQ ID NOS: 428
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 245
LENGTH: 1036
TYPE: DNA
ORGANISM: Homo sapiens
US-09-764-878-245

Query Match 2.1%; Score 53; DB 10; Length 1036;
Best Local Similarity 100.0%; Pred. No. 9.3e-17;
Matches 53; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2068 GTGATCCACCCACCTTGCCCTCCCAAGTGTGGATTACAGGTGTGAGCCAC 2120
Db 631 GTGATCCACCCACCTTGCCCTCCCAAGTGTGGATTACAGGTGTGAGCCAC 579

RESULT 55
US-09-764-864-1778
Sequence 1778, Application US/09764864
Patent No. US20020132753A1

GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PT723
CURRENT APPLICATION NUMBER: US/09/764,864
CURRENT FILING DATE: 2001-01-17
Prior application data removed - consult PALM or file wrapper
NUMBER OF SEQ ID NOS: 1792
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1778
LENGTH: 8078
TYPE: DNA

ORGANISM: Homo sapiens
US-09-764-864-1778

Query Match
Best Local Similarity 100.0%; Pred. No. 8.2e-17;
Matches 53; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2068 GTGATCCACCCACCTTGCTGCCCAAGTGTGGATTACAGGTGTGAGCCAC 2120
DB 7778 GTGATCCACCCACCTTGCTGCCCAAGTGTGGATTACAGGTGTGAGCCAC 7830

RESULT 56
US-09-764-864-1779

Sequence 1779, Application US/09764864
Patent No. US20020132753A1
GENERAL INFORMATION:

APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PT223
CURRENT APPLICATION NUMBER: US/09/764,864
CURRENT FILING DATE: 2001-01-17
Prior application data removed - consult PALM or file wrapper
NUMBER OF SEQ ID NOS: 1792
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1779
LENGTH: 8078
TYPE: DNA
ORGANISM: Homo sapiens
US-09-764-864-1779

Query Match
Best Local Similarity 100.0%; Pred. No. 8.2e-17;
Matches 53; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2068 GTGATCCACCCACCTTGCTGCCCAAGTGTGGATTACAGGTGTGAGCCAC 2120
DB 7778 GTGATCCACCCACCTTGCTGCCCAAGTGTGGATTACAGGTGTGAGCCAC 7830

RESULT 57
US-10-092-154-1744/C

Sequence 1744, Application US/10092154
Publication No. US20030054375A1
GENERAL INFORMATION:

APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PC009C1
CURRENT APPLICATION NUMBER: US/10/092,154
CURRENT FILING DATE: 2002-03-07
NUMBER OF SEQ ID NOS: 2003
Prior application data removed - See File Wrapper or Palm
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1744
LENGTH: 14093
TYPE: DNA
ORGANISM: Homo sapiens
US-10-092-154-1744

Query Match
Best Local Similarity 100.0%; Pred. No. 7.9e-17;
Matches 53; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2068 GTGATCCACCCACCTTGCTGCCCAAGTGTGGATTACAGGTGTGAGCCAC 2120
DB 1480 GTGATCCACCCACCTTGCTGCCCAAGTGTGGATTACAGGTGTGAGCCAC 1428

RESULT 58
US-09-764-847-1744/C

Sequence 1744, Application US/09764847
Patent No. US20020132767A1
GENERAL INFORMATION:

APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PC009

CURRENT APPLICATION NUMBER: US/09/764,847
CURRENT FILING DATE: 2001-01-17
Prior application data removed - consult PALM or file wrapper
NUMBER OF SEQ ID NOS: 2003
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1744
LENGTH: 14093
TYPE: DNA
ORGANISM: Homo sapiens
US-09-764-847-1744

Query Match
Best Local Similarity 100.0%; Pred. No. 7.9e-17;
Matches 53; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2068 GTGATCCACCCACCTTGCTGCCCAAGTGTGGATTACAGGTGTGAGCCAC 2120
DB 1480 GTGATCCACCCACCTTGCTGCCCAAGTGTGGATTACAGGTGTGAGCCAC 1428

RESULT 59
US-10-079-854-244/C

Sequence 244, Application US/10079854
Publication No. US20030054366A1
GENERAL INFORMATION:

APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PA121C1
CURRENT APPLICATION NUMBER: US/10/079,854
CURRENT FILING DATE: 2002-02-22
Prior application data removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 428
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 244
LENGTH: 14962
TYPE: DNA
ORGANISM: Homo sapiens
US-10-079-854-244

Query Match
Best Local Similarity 100.0%; Pred. No. 7.9e-17;
Matches 53; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2068 GTGATCCACCCACCTTGCTGCCCAAGTGTGGATTACAGGTGTGAGCCAC 2120
DB 3719 GTGATCCACCCACCTTGCTGCCCAAGTGTGGATTACAGGTGTGAGCCAC 3667

RESULT 60
US-09-764-878-244/C

Sequence 244, Application US/09764878
Patent No. US20020090615A1
GENERAL INFORMATION:

APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PA121
CURRENT APPLICATION NUMBER: US/09/764,878
CURRENT FILING DATE: 2001-01-17
Prior application data removed - consult PALM or file wrapper
NUMBER OF SEQ ID NOS: 428
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 244
LENGTH: 14962
TYPE: DNA
ORGANISM: Homo sapiens
US-09-764-878-244

Query Match
Best Local Similarity 100.0%; Pred. No. 7.9e-17;
Matches 53; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2068 GTGATCCACCCACCTTGCGCTCCCAAGTGTGGATTACAGGTGTGAGCCAC 2120
Db 3719 GTGATCCACCCACCTTGCGCTCCCAAGTGTGGATTACAGGTGTGAGCCAC 3667

RESULT 61
US-09-782-378A-17/c
; Sequence 17, Application US/09782378A
; Patent No. US20020102731A1
; GENERAL INFORMATION:
; APPLICANT: Hearing, Patrick
; APPLICANT: Bahou, Wadie
; APPLICANT: Sandalon, Ziv
; APPLICANT: Gatenko, Dmitri
; TITLE OF INVENTION: Adenoviral Vectors
; FILE REFERENCE: STONYB-04970
; CURRENT APPLICATION NUMBER: US/09/782.378A
; PRIOR FILING DATE: 2001-02-12
; PRIOR APPLICATION NUMBER: 60/237,747
; PRIOR FILING DATE: 2000-10-02
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 17
; LENGTH: 56737
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-782-378A-17

Query Match 2.1%; Score 53; DB 10; Length 56737;
Best Local Similarity 100.0%; Pred. No. 7.3e-17;
Matches 53; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2068 GTGATCCACCCACCTTGCGCTCCCAAGTGTGGATTACAGGTGTGAGCCAC 2120
Db 7567 GTGATCCACCCACCTTGCGCTCCCAAGTGTGGATTACAGGTGTGAGCCAC 7515

RESULT 62
US-09-867-701-7361/c
; Sequence 7361, Application US/09867701
; Patent No. US20020132237A1
; GENERAL INFORMATION:
; APPLICANT: Aglate, Paul A.
; APPLICANT: Jones, Robert
; APPLICANT: Harlocker, Susan L.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; FILE REFERENCE: 210121.497
; CURRENT APPLICATION NUMBER: US/09/867,701
; CURRENT FILING DATE: 2001-05-29
; NUMBER OF SEQ ID NOS: 10912
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7361
; LENGTH: 459
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1) .. (459)
; OTHER INFORMATION: n = A,T,C or G
US-09-867-701-7361

Query Match 2.0%; Score 52; DB 10; Length 459;
Best Local Similarity 100.0%; Pred. No. 3.1e-16;
Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2069 TGATCCACCCACCTTGCGCTCCCAAGTGTGGATTACAGGTGTGAGCCAC 2120
Db 327 TGATCCACCCACCTTGCGCTCCCAAGTGTGGATTACAGGTGTGAGCCAC 276

RESULT 63

US-10-091-504-1785/c
; Sequence 1785, Application US/10091504
; Publication No. US2003005908A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC007C1
; CURRENT APPLICATION NUMBER: US/10/091.504
; CURRENT FILING DATE: 2002-03-07
; NUMBER OF SEQ ID NOS: 2442
; Prior Application removed - See File Wrapper or Palm
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1785
; LENGTH: 2521
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-091-504-1785

Query Match 2.0%; Score 52; DB 9; Length 2521;
Best Local Similarity 100.0%; Pred. No. 2.8e-16;
Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2068 GTGATCCACCCACCTTGCGCTCCCAAGTGTGGATTACAGGTGTGAGCCCA 2119
Db 1435 GTGATCCACCCACCTTGCGCTCCCAAGTGTGGATTACAGGTGTGAGCCCA 1384

RESULT 64
US-09-764-869-1785/c
; Sequence 1785, Application US/09764869
; Patent No. US20020061521A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC007
; CURRENT APPLICATION NUMBER: US/09/764.869
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - refer to PALM or file wrapper
; NUMBER OF SEQ ID NOS: 2442
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1785
; LENGTH: 2521
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-869-1785

Query Match 2.0%; Score 52; DB 10; Length 2521;
Best Local Similarity 100.0%; Pred. No. 2.8e-16;
Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2068 GTGATCCACCCACCTTGCGCTCCCAAGTGTGGATTACAGGTGTGAGCCCA 2119
Db 1435 GTGATCCACCCACCTTGCGCTCCCAAGTGTGGATTACAGGTGTGAGCCCA 1384

RESULT 65
US-10-274-974-3
; Sequence 3, Application US/10274974
; Publication No. US20030054490A1
; GENERAL INFORMATION:
; APPLICANT: Wei, Ming-Hui et al.
; TITLE OF INVENTION: ISOLATED HUMAN PHOSPHATASE PROTEINS,
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN PHOSPHATASE PROTEINS,
; FILE REFERENCE: CLO00871 DIV
; CURRENT APPLICATION NUMBER: US/10/274.974
; CURRENT FILING DATE: 2002-10-18
; PRIOR APPLICATION NUMBER: 09/685,853
; PRIOR FILING DATE: 2000-10-11
; PRIOR APPLICATION NUMBER: 60/182,194
; PRIOR FILING DATE: 2000-02-14
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 3
LENGTH: 74962
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(74962)
OTHER INFORMATION: n = A,T,C or G
US-10-274-974-3

Query Match 2.0%; Score 52; DB 9; Length 74962;
Best Local Similarity 100.0%; Pred. No. 2.3e-16;
Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2059 TGACCTGAGTATCCACCACCTTGCTCCCAAGTCTGGGATTACAG 2110
DB 34620 TGACCTGAGTATCCACCACCTTGCTCCCAAGTCTGGGATTACAG 34671

RESULT 66
US-09-995-419A-1/C
Sequence 1, Application US/09995419A
Publication No. US2003032187A1
GENERAL INFORMATION:
APPLICANT: Geron Corporation
APPLICANT: McWhir, Jim
APPLICANT: Gold, Joseph D.
TITLE OF INVENTION: 096,004 - SegList
FILE REFERENCE: 096,004 - SegList
CURRENT APPLICATION NUMBER: US/09/995,419A
PRIOR FILING DATE: 2001-11-26
PRIOR APPLICATION NUMBER: 60/253,357
PRIOR FILING DATE: 2000-11-27
NUMBER OF SEQ ID NOS: 20
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 15418
TYPE: DNA
ORGANISM: Homo sapiens
US-09-995-419A-1

Query Match 2.0%; Score 51; DB 9; Length 15418;
Best Local Similarity 100.0%; Pred. No. 8.2e-16;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2070 GATCCACCCACCTTGCTCCCAAGTCTGGGATTACAGTGTGAGCCAC 2120
DB 632 GATCCACCCACCTTGCTCCCAAGTCTGGGATTACAGTGTGAGCCAC 582

RESULT 67
US-10-141-220-1/C
Sequence 1, Application US/10141220
Publication No. US2003004011A1
GENERAL INFORMATION:
APPLICANT: Geron Corporation
APPLICANT: Gold, Joseph
APPLICANT: Ledkowek, Jane
TITLE OF INVENTION: Tracked stem cells
FILE REFERENCE: 096/003
CURRENT APPLICATION NUMBER: US/10/141,220
PRIOR FILING DATE: 2002-05-07
PRIOR APPLICATION NUMBER: US/09/783,203
PRIOR FILING DATE: 2001-02-13
PRIOR APPLICATION NUMBER: 60/253,443
PRIOR FILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/253,357
PRIOR FILING DATE: 2000-11-27
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1
LENGTH: 15418

TYPE: DNA
ORGANISM: Homo sapiens
US-10-141-220-1

Query Match 2.0%; Score 51; DB 9; Length 15418;
Best Local Similarity 100.0%; Pred. No. 8.2e-16;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2070 GATCCACCCACCTTGCTCCCAAGTCTGGGATTACAGTGTGAGCCAC 2120
DB 632 GATCCACCCACCTTGCTCCCAAGTCTGGGATTACAGTGTGAGCCAC 582

RESULT 68
US-09-783-203-1/C
Sequence 1, Application US/09783203
Patent No. US20020098582A1
GENERAL INFORMATION:
APPLICANT: Geron Corporation
APPLICANT: Gold, Joseph
APPLICANT: Ledkowek, Jane
TITLE OF INVENTION: Tracked stem cells
FILE REFERENCE: 096/003
CURRENT APPLICATION NUMBER: US/09/783,203
PRIOR FILING DATE: 2001-02-13
PRIOR APPLICATION NUMBER: 60/253,443
PRIOR FILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/253,357
PRIOR FILING DATE: 2000-11-27
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1
LENGTH: 15418
TYPE: DNA
ORGANISM: Homo sapiens
US-09-783-203-1

Query Match 2.0%; Score 51; DB 10; Length 15418;
Best Local Similarity 100.0%; Pred. No. 8.2e-16;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2070 GATCCACCCACCTTGCTCCCAAGTCTGGGATTACAGTGTGAGCCAC 2120
DB 632 GATCCACCCACCTTGCTCCCAAGTCTGGGATTACAGTGTGAGCCAC 582

RESULT 69
US-09-994-427A-1/C
Sequence 1, Application US/09994427A
Patent No. US20020128221A1
GENERAL INFORMATION:
APPLICANT: Geron Corporation
APPLICANT: Schiff, J. Michael
TITLE OF INVENTION: GLYCOSYLTRANSFERASE VECTORS FOR TREATING CANCER
FILE REFERENCE: 083,002
CURRENT APPLICATION NUMBER: US/09/994,427A
PRIOR FILING DATE: 2002-02-26
PRIOR APPLICATION NUMBER: 60/253,395
PRIOR FILING DATE: 2000-11-27
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 15418
TYPE: DNA
ORGANISM: Homo sapiens
US-09-994-427A-1

Query Match 2.0%; Score 51; DB 10; Length 15418;
Best Local Similarity 100.0%; Pred. No. 8.2e-16;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2070 GATCCACCCACCTTGCTCCCAAGTCTGGGATTACAGTGTGAGCCAC 2120

APPLICANT: MERKULOV, Gennady et al.
TITLE OF INVENTION: ISOLATED HUMAN RAS-LIKE PROTEINS,
TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING THESE HUMAN RAS-LIKE
FILE OF INVENTION: PROTEINS, AND USES THEREOF
FILE REFERENCE: CLO01196
CURRENT APPLICATION NUMBER: US/09/820,003A
CURRENT FILING DATE: 2001-03-29
NUMBER OF SEQ ID NOS: 39
SOFTWARE: PaedSeq for Windows Version 4.0
SEQ ID NO 25
LENGTH: 601
TYPE: DNA
ORGANISM: Homo sapien
US-09-820-003A-25

Query Match 1.9%; Score 50; DB 10; Length 601;
Best Local Similarity 100.0%; Pred. No. 3.2e-15;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 2071 ATCCACCACCTTGCCCTCCAAAGTGTGGATTACAGGTGTGAGCCAC 2120
Db 446 ATCCACCACCTTGCCCTCCAAAGTGTGGATTACAGGTGTGAGCCAC 495

RESULT 75

US-10-001-835-116/C
Sequence 116, Application US/10001835
Patent No. US20020160387A1
GENERAL INFORMATION:
APPLICANT: Salceda, Susana
APPLICANT: Macina, Roberto
APPLICANT: Recipon, Herve
APPLICANT: Cafferey, Robert
APPLICANT: Sun, Yongming
APPLICANT: Liu, Chenghua
TITLE OF INVENTION: Compositions and Methods Relating to Ovary Specific Genes and Pro
FILE REFERENCE: DEX-0277
CURRENT APPLICATION NUMBER: US/10/001,835
CURRENT FILING DATE: 2001-11-20
PRIOR APPLICATION NUMBER: 60/249,997
PRIOR FILING DATE: 2000-11-20
NUMBER OF SEQ ID NOS: 228
SOFTWARE: PatentIn version 3.1
SEQ ID NO 116
LENGTH: 666
TYPE: DNA
ORGANISM: Homo sapien
US-10-001-835-116

Query Match 1.9%; Score 50; DB 9; Length 666;
Best Local Similarity 100.0%; Pred. No. 3.2e-15;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 2061 ACCTGAGTGATCCACCCACCTTGCCCTCCAAAGTGTGGATTACAGC 2110
Db 213 ACCTGAGTGATCCACCCACCTTGCCCTCCAAAGTGTGGATTACAGC 164

Search completed: April 1, 2003, 06:05:38
Job time : 2578 secs